

**TOWN OF SILT  
RESOLUTION NO. 14  
SERIES OF 2024**

**A RESOLUTION OF THE TOWN OF SILT (“TOWN”) REPEALING AND REPLACING RESOLUTION NO. 16, SERIES OF 2019, ADOPTING AN OFFICIAL STREET TREE LIST AND SUGGESTED SHRUB LIST FOR THE TOWN OF SILT**

**WHEREAS**, the Town Board of Trustees (“Board”) wishes to provide an official street tree species list for planting within the Town’s limits as well as a list of suggested private and public access trees; and

**WHEREAS**, the Board directs property owners to Silt Municipal Code 12.16 to familiarize themselves with the Town of Silt vegetation management program; and

**WHEREAS**, the Board advises the planting of these specific tree species to aide in shade and cooling of the Town, habitat for wildlife, air and noise pollution lessening, stormwater absorption, and enhanced aesthetics; and

**WHEREAS**, the Board is concerned that recent and future droughts may severely impact the Town’s ability to provide more than the normal allotment of irrigation water to any one property owner; and

**WHEREAS**, the Board seeks to convey to all property owners the critical nature of decreasing water supplies, and that judicious use of water supplies by all residents is exercised; and

**WHEREAS**, the Board recognizes that certain species of plants thrives in semi-arid climate such as the Town’s; and

**WHEREAS**, the Board suggests property owners install certain tree and shrub species due to drought-tolerant properties, soil enriching capacity, carbon sequestration ability, and aesthetic quality; and

**WHEREAS**, the Board recommends that all tree species be adequately spaced and located in ways that consider the street right-of-way, stormwater installations, and Town sewer and irrigation as well as private electrical and gas networks, and other private property infrastructure (Dial Before You Dig – 811 in Colorado).

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF SILT COLORADO, THAT:**

**Section 1:** The above recitals are hereby incorporated as findings by the Town of Silt.

**Section 2:** The following acronyms are used to describe that tree and shrub qualities of most interest to the Town of Silt.

## Acronyms

ST = Salt Tolerance

VLWZ = Very Low Water Zone (Once established, little irrigation required);

LWZ = Low Water Zone (Once established, water during hot & dry periods);

MWZ = Moderate Water Zone (Once established, water several times/week);

SHD = Shade Tree;

ORN = Ornamental Tree/Shrub;

EVR = Evergreen Tree;

FP = Food production

**Section 3:** That the following list of trees and shrubs is hereby adopted.

### Official Street Tree Species List

The Town advises the planting of specific tree or shrub species to provide shade, wildlife habitat, urban cooling, and stormwater absorption within the Town Limits. With a 'right tree, right location' approach to tree planting within the Town, the following lists are advised within the Town street right-of-ways and should be taken as a suggestion on private property. Many of the species listed can be found at local nurseries or could be ordered from online tree suppliers.

### Official Street Tree Species (can also be used as a private property tree):

1. Kentucky Coffeetree – *Gynocladus dioicus* – LWZ, SHD
2. Bur Oak – *Quercus macrocarpa* – ST, VLWZ, SHD;
3. Two-needle Pinyon Pine – *Pinus edulis* – VLWZ, EVR;
4. Hackberry– *Celtis occidentalis* – ST, VLWZ, SHD;
5. Eastern Redbud – *Cercis canadensis* – MWZ, ORN
6. Northern Catalpa– *Catalpa speciosa* – LWZ, SHD;
- 7.. London Plane Tree – *Platanus x acerifolia* – MWZ, SHD;
- 8.. Hawthorn (25'T & 25'W) – *Crataegus* spp. – MWZ, ORN; &
9. Green Ash – *Fraxinus pennsylvanica* – LWZ, SHD
10. White Oak – *Quercus alba* – VLMZ, SHD

### Other Acceptable Private Tree Species (within a private property boundary line):

1. Bristlecone Pine – *Pinus aristata* – VLWZ, EVR;
2. Crabapple – *Malus* spp. – ST, MWZ, ORN;
3. White Fir – *Abies concolor* – LWZ, EVR;
4. Ponderosa Pine – *Pinus ponderosa* – LMZ, EVR;
5. Gambel Oak – *Quercus gambelii* – VLWZ, SHD;
6. Chinese Pistache – *Pistacia chinensis* – LWZ, SHD;
7. Black Walnut – *Juglans nigra* – MWZ, SHD, FP;
8. Blue Spruce – *Picea pungens* – LWZ, EVR;
9. Shagbark Hickory – *Carya ovata* – LWZ, ORN, FP;
10. Katsura Tree – *Cercidiphyllum japonicum* – MWZ, ORN;
11. Tatarian Maple – *Acer tataricum* – LWZ, ORN;
12. Chickapin Oak – *Quercus muehlenbergii* – LWZ, SHD;
13. Black Hills Spruce – *Picea Glauca 'Densata'* – LWZ, EVR;
14. Rock Mountain Juniper – *Juniperus scopulorum* – LWZ,EVR;
15. Scotch Pine– *Pinus sylvestris* – MWZ, EVR;

### Suggested Shrub Species

1. Redwig Dogwood – *Cornus stolonifera* – MWZ;
2. Lilac – *Syringia* spp. – MWZ;
3. Forsythia – *Forsythia* spp. – MWZ;
4. Big Sagebrush – *Artemisia tridentata* – ST, VLWZ;
5. Antelope Bitterbrush – *Purshia tridentate/glandulosa* – ST, VLWZ;
6. Mexican Cliffrose – *Purshia mexicana* – VLWZ;
7. Smith's Buckthorn – *Rhamnus smithii* – ST, VLWZ;
8. Apache Plume – *Fallugia paradoxa* – VLWZ;
9. Fernbush – *Chamaebatiaria millefolium* – VLWZ;
10. Fourwing Saltbush – *Atriplex canescens* – VLWZ;
11. Leadplant – *Amorpha canescens* – VLWZ;
12. Littleleaf Mock Orange – *Philadelphus microphyllus* – ST, VLWZ;
13. Squaw Apple – *Peraphyllum ramosissimum* – VLWZ;
14. White Stemmed Rabbitbrush – *Chrysothamnus nauseosus* ST, VLWZ;
15. Wax Currant – *Ribes cereum* – VLWZ;
16. Broom Snakeweed – *Gutierrezia sarothrae* – VLWZ;
17. Serviceberry – *Amelanchier alnifolia/utahensis* – LWZ;
18. Smoke Tree – *Cotinus obovatus* – LWZ;
19. Mountain Ninebark – *Physocarpus monogymus* – LWZ;
20. Rock Spirea – *Holodiscus dumosus* – LWZ;
21. Western Sandcherry – *Prunus pumila* – LWZ;
22. Barberry – *Barberis* spp. – LWZ;
23. Greenleaf Manzanita – *Arctostaphylos patula* – LWZ;
24. Nanking Cherry - *Prunus tomentosa* – MWZ;
25. Silver Buffaloberry – *Shepherdia argentea* – LWZ;
26. Alpine Currant – *Ribes alpinum* – MWZ;
27. Cheyenne Privet – *Ligustrum vulgare* 'Cheyenne' – MWZ;
28. Cistena Plum – *Prunus cisterna* – MWZ;
29. Flowering Quince – *Chaenomeles japonica* – MWZ;
30. Golden Currant – *Ribes aureum* – MWZ;
31. Cranberry Cotoneaster – *Cotoneaster apiculatus* – MWZ;
32. Dark Knight Spirea – *Caryopteris x clandonensis* – MWZ;
33. White Snowberry – *Symphoricarpos albus* – MWZ;
34. Potentilla – *Potentilla fruticose* – MWZ.

**Section 4:** That weed species, including noxious weed tree species, as listed in Silt Municipal Code 8.04.010 (C) not be planted by any property owner within Town Limits; and that any existing tree or plant species listed be managed in a manner to prevent seed formation.

### Noxious Weed (\*\*) and Undesirable Tree Species for any Street, Public Access or Private Property

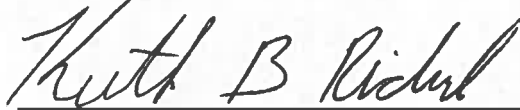
1. Siberian Elm – *Ulmus pumila*\*\*
2. Russian Olive – *Elaeagnus angustifolia*\*\*.
3. Poplar – *Populus* spp.
4. Willow – *Salix* spp.
5. Tamarisk – *Tamarix* spp\*\*.

6. Callery Pear – *Pyrus calleryana*.
7. Boxelder – *Acer negundo*.
8. Linden – *Tilia* spp.
9. Austrian Pine – *Pinus nigra*.

This resolution will be in full force and effect from and after its passage and approval.

**INTRODUCED, READ, PASSED, AND ADOPTED THIS 13th day of May 2024.**

TOWN OF SILT



\_\_\_\_\_  
Mayor Keith B. Richel

ATTEST:

  
\_\_\_\_\_  
Town Clerk Sheila M. Molntyre, CMC

## Suggested Species for Silt, Colorado

USDA Hardiness Zone 5b (-15°F to -10°F) to 6a (-10°F to -5°F)

All trees listed are appropriate in Zones 5 and 6

Hardiness zones (HZ) are based on the average annual minimum winter temperature for the area

### Large Trees: Mature Height 40 + feet

#### Catalpa, Western – *Catalpa speciosa*

- Height 40-50 feet, Width 25-35 feet, HZ 4-9

#### Filbert, Turkish – *Corylus colurna*

- Height 40-80 feet, Width 25-45 feet, HZ 4-7

#### Hackberry, Common – *Celtis occidentalis*

- Height 30-60 feet, Width 40-60 feet, HZ 3-9

#### Hardy Rubbertree - *Eucommia ulmoides*

- Height 40-60 feet, Width 30-50 feet, HZ 4-7

#### Hornbeam, Columnar European - *Carpinus betulus*

- Height 35-45 feet, Width 25-35 feet, HZ 4-8

#### Kentucky Coffeetree – *Gymnocladus dioica*

- Height 50-60 feet, Width 40-50 feet, HZ 3-8

#### Japanese Pagoda Tree - *Sophora japonica*

- Height 50-70 feet, Width 50-70 feet, HZ 5-9

#### Planetree, London - *Platanus acerifolia*

- Height 60-70 feet, Width 40-50 feet, HZ 4-8

#### Oak – *Quercus* species.

- Height 40-60 feet, Width 35-50 feet,
- Recommended species: Bur (3-8); Chinkapin (5-7); Shingle (5-8); Swamp White (3-8)

#### Osage Orange - *Maclura pomifera*

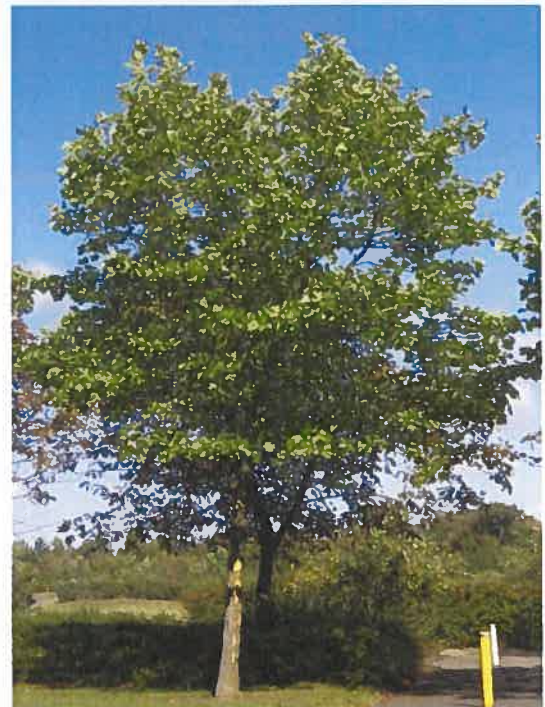
- Height 35-55 feet, Width 35-55 feet, HZ 4-9
- Recommended cultivars: 'White Shield'; 'Wichita'; 'Park'

#### Pecan - *Carya illinoensis*

- Height 60-90 feet, Width 40-70 feet, HZ 5-9



Japanese Pagoda Tree



London Planetree



**Tulip tree** – *Liriodendron tulipifera*

- Height 60-80 feet, Width 40-50 feet, HZ 4-9

**Zelkova, Japanese** - *Zelkova serrata*

- Height 50-80 feet, Width 50-80, HZ 5-9

**Medium Trees: Mature Height 20 – 40 feet**

**Buckeye, Ohio** - *Aesculus glabra*

- Height 20-40 feet, Width 20-40 feet, HZ 3-7

**Catalpa, Chinese** – *Catalpa ovata*

- Height 20-30 feet, Width 20-30 feet, HZ 4-8

**Chokecherry or Amur chokecherry** – *Prunus virginiana* or *maackii*

- Height 20-30 feet, Width 18-20 feet, HZ 2-7
- Recommended *P. virginiana* cultivars: ‘Schubert’; ‘Sucker Punch’



Tulip Tree

**Crabapple** – *Malus* cultivars

- Height 15-30 feet, Width 15-30 feet, HZ 4-8
- Look for cultivars resistant to fire blight such as ‘Radiant’; ‘Robinson’; ‘Spring Snow’

**Corktree** - *Phellodendron amurense*

- Height 30-40 feet, Width 25-45 feet, HZ 3-7

**Hackberry, Netleaf** - *Celtis laevigata* var. *reticulata*

- Height 20-50 feet, Width 15-20 feet, HZ 4-7

**Hawthorn** – *Crataegus* species

- Height 20-35 feet, Width 20-35 feet
- Recommended species: Thornless Cockspur (3-7); Washington (3-8); Winter King (4-7)

**Hophornbeam** - *Ostrya virginiana*

- Height 20-35 feet, Width 15-20 feet, HZ 5-9

**Hornbeam, American** - *Carpinus caroliniana*

- Height 20-35 feet, Width 20-35 feet, HZ 3-9

**Ironwood, Persian** - *Parrotia persica*

- Height 20-40 feet, Width 20-30 feet, HZ 4-8



Crabapple

**Japanese Tree Lilac – *Syringa reticulata***

- Height 20-30 feet, Width 15-20 feet, HZ 3-7

**Maackia – *Maackia amurensis***

- Height 20-30 feet, Width 15-20 feet, HZ 3-7

**Maple – *Acer* species**

- Height 20-30 feet; Width 10-25 feet, HZ 5-8
- Recommended species: Bigtooth (*A. grandidentatum*)  
Hedge (*A. campestre*); Rocky Mountain (*A. glabrum*)

**Mayday Tree – *Prunus padus***

- Height 20-40 feet, Width 20-40 feet, HZ 3-6

**Pawpaw - *Asimina triloba***

- Height 20-25 feet, Width 10-15 feet, HZ 5-9

**Plum, Flowering – *Prunus cerasifera* ‘Thundercloud’**

- Height 15-25 feet, Width 15-25 feet, HZ 5-8

**Redbud, Eastern – *Cercis canadensis***

- Height 15-25 feet, Width 15-30 feet, HZ 4-9

**Yellowhorn - *Xanthoceras sorbifolium***

- Height 8-25 feet, Width 10-25 feet, HZ 4-7

**Small Trees: Mature Height < 20 feet**

**Crabapple – *Malus* cultivars**

- Height 10-20 feet, Width 8-20 feet, HZ 4-8
- Look for cultivars that are resistant to fire blight such as  
‘Indian Magic’; ‘Indian Summer’; ‘Prairifire’

**Hawthorn – *Crataegus* species**

- Height 15-20 feet, Width 15-20 feet
- Recommended species: Paul’s Scarlet (4-8);  
Russian (4-9); Toba (3-8);

**Maple, Tatarian – *Acer tataricum***

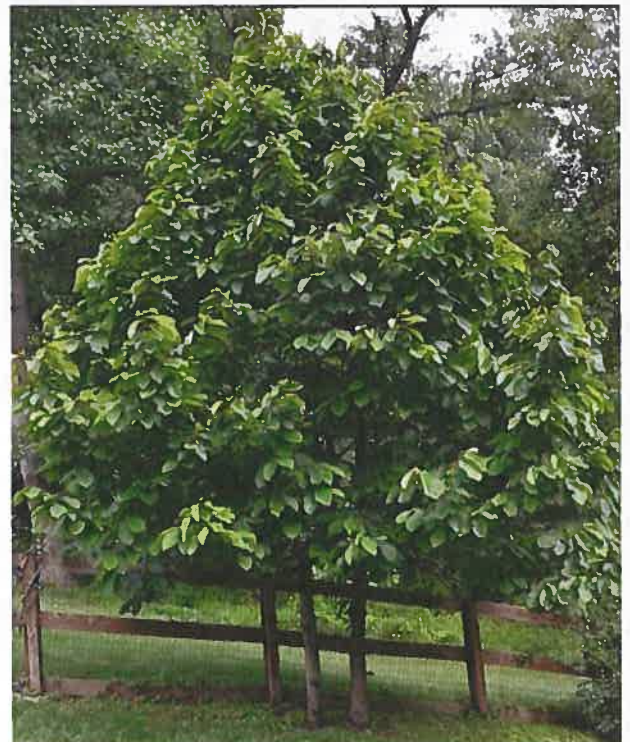
- Height 15-20 feet, Width 15-20 feet, HZ 3-8

**Oak – *Quercus* species**

- Height 10-30 feet, Width 10-20 feet
- Recommended species: Gamble (4-7); Wavy leaf (4-8)



Russian Hawthorn



Eastern Redbud



**Plum, Flowering** – *Prunus cerasifera*

- Height 10-20 feet, Width 10-20 feet, HZ 5-8
  - Recommended cultivars: ‘Mount St. Helens’; ‘Newport’
- Privet, New Mexican** – *Forestiera neomexicana*
- Height 8-15 feet, Width 8-10 feet, HZ 5-9

**Serviceberry** – *Amelanchier* species

- Height 4-20 feet, Width 4-12 feet
- Recommended cultivars: ‘Regent’, (2-7); ‘Saskatoon’ (4-6); ‘Shadblow’ (4-7)

**Peking Tree Lilac** – *Syringa pekinensis*

- Height 15-20 feet, Width 10-15 feet, HZ 3-7

**Conifer Trees:**

**Arborvitae** – *Thuja occidentalis* or *Thuja plicata*,

- Height and Width – variable depending on cultivar/variety
- *T. occidentalis* cultivars HZ 3-7; *T. plicata* cultivars HZ 5-8

**Juniper** – *Juniperus scopulorum* or *Juniperus osteosperma*

- Height 10-40 feet, Width 4-15 feet
- *J. scopulorum* cultivars (4-9): ‘Cologreen’; ‘Gray Gleam’; ‘Skyrocket’; ‘Wichita Blue’

**Pine** – *Pinus* species

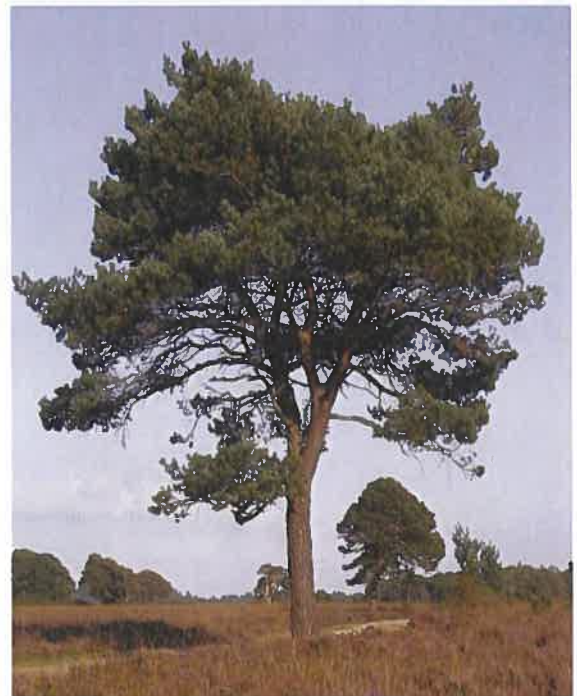
- Height 12-60 feet, Width 12-40 feet
- Recommended species: Pondera (3-7) Bristlecone (3-7); Limber (4-7); Pinon (5-8); Scotch (3-7); Southwestern white (3-7)

**Spruce** – *Picea* species

- Height 30-60 feet, Width 15-25 feet, HZ 2-7
- Recommended species: Black Hills; Colorado Blue



Newport Plum



Scotch Pine